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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,563	10/22/2001	Mark H. Lucovsky	3080	9308

7590 07/08/2004

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EXAMINER

CHOJNACKI, MELLISSA M

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 07/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/021,563

Applicant(s)

LUCOVSKY ET AL.

Examiner

Mellissa M Chojnacki

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01-April-2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


SAM RIMELL
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Remarks

1. In response to communications filed 01-April-2004, claims 1-3 are cancelled, the abstract and specification have been amended, and new claims 6-43 have been added per applicants request. Therefore, claims 4-43 are presently pending in the application.

Claim Objections

2. Claim 8 is objected to because of the following informalities:

Claim 8 ends with two periods. The second period should be deleted.

Correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4-5, 7-22, 35-37, 39 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Olivier (U.S. Patent No. 6,480,885) in view of Birrell et al. (U.S. Patent No. 6,185,551).

As to claim 4, Olivier teaches a computer network (See column 4, lines 60-63), a method comprising,

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constructing an inbox document including at least part of the data, the document arranged according to a defined schema for inbox data (See column 5, lines 1-5; column 16, lines 25-29).

Olivier does not teach receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request.

Birrell et al. teaches a web-base electronic mail service apparatus and method using full text and label indexing (See abstract), in which he teaches receiving a request to retrieve inbox data (See column 5, lines 29-43), the request including associated identity information (See column 5, lines 29-43, where "password" is read on "identity information"; also see column 13, line 41, where "log-in window" is read on "identity information"; also see column 16, lines 40-43);

reading from a data store to obtain inbox data based on the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a username and password as "identity information"; also see column 14, lines 48-49"; also see column 16, lines 40-43); and

returning the document in response to the request (See column 14, lines 48-49; column 16, lines 3-14).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier, to include

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receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier, by the teachings of Birrell et al. because receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request would allow the user to interchange useful information, in a number of different presentation modalities, in a timely and convenient manner (See Birrell et al., column 1, lines 21-30).

As to claims 5 and 20, Olivier as modified, teaches wherein the schema includes at least one defined field for extending the schema (See Birrell et al., column 14, lines 58-63; column 15, lines 27-31).

As to claim 7, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a simple-mail-transfer-protocol mail account (See Olivier, column 18, lines 60-62; also see Birrell et al., column 14, lines 58-63).

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As to claim 8, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a sender's email address (See Birrell et al., column 7, lines 46-49, where "sender's email address" is read on "from"; also see column 9, lines 59-62).

As to claim 9, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a recipient's email address (See Birrell et al., column 14, lines 63-67; It is inherent when sending a "reply" message to sender(s) the "recipient(s) email address" is listed in the send filed of the email).

As to claim 10, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a subject of an email (See Olivier, column 13, lines 32-35; also see Birrell et al., column 7, lines 46-49).

As to claim 11, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to an incoming server name (See Olivier, column 3, lines 18-22; column 5, lines 6-9).

As to claim 12, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to an outgoing server name (See Olivier, column 17, lines 40-43).

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As to claim 13, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a password (See Birrell et al., column 5, lines 32-45).

As to claim 14, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a user name (See Olivier, column 7, lines 3-7, lines 11-13).

As to claim 15, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a size of an email (See Olivier, column 20, lines 4-6; also see Birrell et al., column 7, lines 1-5).

As to claim 16, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to a date of an email (See Olivier, column 11, lines 60-64; also see Birrell et al., column 5, lines 53-67; column 7, lines 46-49).

As to claim 17, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to content of an email (See Olivier, column 6, lines 17-20; also see Birrell et al., column 6, lines 64-66).

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As to claim 18, Olivier as modified, teaches wherein the at least one defined field comprises data corresponding to an attachment to an email (See Birrell et al., column 15, lines 27-31).

As to claim 19, Olivier teaches a computer-readable medium (See column 4, lines 48-49) having computer-executable instructions for:

constructing an inbox document including at least part of the data, the document arranged according to a defined schema for inbox data (See column 5, lines 1-5; column 16, lines 25-29).

Olivier does not teach receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request.

Birrell et al. teaches a web-base electronic mail service apparatus and method using full text and label indexing (See abstract), in which he teaches receiving a request to retrieve inbox data (See column 5, lines 29-43), the request including associated identity information (See column 5, lines 29-43, where "password" is read on "identity information"; also see column 13, line 41, where "log-in window" is read on "identity information"; also see column 16, lines 40-43);

reading from a data store to obtain inbox data based on the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a username and

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password as "identity information"; also see column 14, lines 48-49"; also see column 16, lines 40-43); and

returning the document in response to the request (See column 14, lines 48-49; column 16, lines 3-14).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier, to include receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier, by the teachings of Birrell et al. because receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request would allow the user to interchange useful information, in a number of different presentation modalities, in a timely and convenient manner (See Birrell et al., column 1, lines 21-30).

As to claim 21, Olivier teaches in a computer network (See column 4, lines 60-63), a method comprising,

if the request is allowable, returning a document to the device having at least part of the requested data, the document arranged according to a schema associated with the service (See column 5, lines 1-5; column 16, lines 25-29; column 17, lines 7-20).

Olivier does not teach accessing a network using a device, the accessing including providing associated identity information corresponding to the device; requesting data from a service accessible via the network, the request based on the associated identity information; determining if the request is an allowable request based on the associated identity information.

Birrell et al. teaches a web-base electronic mail service apparatus and method using full text and label indexing (See abstract), in which he teaches accessing a network using a device (See abstract, where “device” is read on “client computers”), the accessing including providing associated identity information corresponding to the device (See column 5, lines 29-43);

requesting data from a service accessible via the network (See column 15, lines 58-63; column 16, lines 3-14), the request based on the associated identity information (See column 5, lines 29-43, where “password” is read on “identity information”; also see column 13, line 41, where “log-in window” is read on “identity information”; also see column 16, lines 40-43);

determining if the request is an allowable request based on the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a username and

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password as "identity information"; also see column 14, lines 48-49"; also see column 16, lines 40-43).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier, to include accessing a network using a device, the accessing including providing associated identity information corresponding to the device; requesting data from a service accessible via the network, the request based on the associated identity information; determining if the request is an allowable request based on the associated identity information.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier, by the teachings of Birrell et al. because accessing a network using a device, the accessing including providing associated identity information corresponding to the device; requesting data from a service accessible via the network, the request based on the associated identity information; determining if the request is an allowable request based on the associated identity information would allow the user to interchange useful information, in a number of different presentation modalities, in a timely and convenient manner (See Birrell et al., column 1, lines 21-30).

As to claim 22, Olivier as modified, teaches wherein the document comprises an inbox document (See Birrell et al., column 9, lines 17-21, where "inbox document" is read on "mail message").

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As to claim 35, Olivier teaches a computer-readable medium (See column 4, lines 48-49) having computer-executable instructions for:

if the request is allowable, returning a document to the device having at least part of the requested data, the document arranged according to a schema associated with the service (See column 5, lines 1-5; column 16, lines 25-29; column 17, lines 7-20).

Olivier does not teach requesting data from a service accessible via a network, the request based on associated identity information; determining if the request is an allowable request based on the associated identity information.

Birrell et al. teaches a web-base electronic mail service apparatus and method using full text and label indexing (See abstract), in which he teaches requesting data from a service accessible via a network (See column 15, lines 58-63; column 16, lines 3-14), the request based on associated identity information (See column 5, lines 29-43, where "password" is read on "identity information"; also see column 13, line 41, where "log-in window" is read on "identity information"; also see column 16, lines 40-43);

determining if the request is an allowable request based on the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a username and password as "identity information"; also see column 14, lines 48-49"; also see column 16, lines 40-43).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier, to include

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requesting data from a service accessible via a network, the request based on associated identity information; determining if the request is an allowable request based on the associated identity information.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier, by the teachings of Birrell et al. because requesting data from a service accessible via a network, the request based on associated identity information; determining if the request is an allowable request based on the associated identity information would allow the user to interchange useful information, in a number of different presentation modalities, in a timely and convenient manner (See Birrell et al., column 1, lines 21-30).

As to claim 36, Olivier as modified, teaches having further computer-executable instructions for sending the constructed document to a source of the request (See Birrell et al., column 13, lines 22-24).

As to claim 37, Olivier as modified, teaches having further computer-executable instructions for determining if the request is an allowable request based on the associated identity information (See Birrell et al., column 5, lines 41-45).

As to claim 39, Olivier as modified, teaches having further computer-executable instructions for denying the request for data based on the

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associated identity information (See Olivier, column 13, lines 15-20; column 17, lines 17-20).

As to claim 41, Olivier teaches a computer network (See column 4, lines 60-63), a method comprising,

the scope determined according to an inbox schema having inbox related fields arranged into a content document with defined structures for the fields (See column 5, lines 1-5; column 16, lines 25-29).

Olivier does not teach receiving a request to manipulate inbox data in a logical inbox document, the request including associated identity information; determining a scope of access rights based on the identity information; and if the request is within the scope, manipulating at least one set of data in the logical inbox document that includes data therein according to the associated identity information, each set of data in the logical inbox document structured to correspond to a field in the content document.

Birrell et al. teaches a web-base electronic mail service apparatus and method using full text and label indexing (See abstract), in which he teaches receiving a request to manipulate inbox data in a logical inbox document (See column 5, lines 29-43), the request including associated identity information (See column 5, lines 29-43, where “password” is read on “identity information”; also see column 13, line 41, where “log-in window” is read on “identity information”; also see column 16, lines 40-43); determining a scope of access rights based on

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the identity information (See column 5, lines 29-43; column 14, lines 48-49; column 16, lines 3-14);

and if the request is within the scope, manipulating at least one set of data in the logical inbox document that includes data therein according to the associated identity information, each set of data in the logical inbox document structured to correspond to a field in the content document (See column 9, lines 12-16. It is inherent that the "fields" (i.e. "to" etc.) are located on the "inbox document"; column 14, lines 63-67; column 15, lines 6-49).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier, to include receiving a request to manipulate inbox data in a logical inbox document, the request including associated identity information; determining a scope of access rights based on the identity information; and if the request is within the scope, manipulating at least one set of data in the logical inbox document that includes data therein according to the associated identity information, each set of data in the logical inbox document structured to correspond to a field in the content document.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier, by the teachings of Birrell et al. because receiving a request to manipulate inbox data in a logical inbox document, the request including associated identity information; determining a scope of access rights based on the identity information; and if the request is within the scope, manipulating at least one set of data in the

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logical inbox document that includes data therein according to the associated identity information, each set of data in the logical inbox document structured to correspond to a field in the content document would allow the user to interchange useful information, in a number of different presentation modalities, in a timely and convenient manner (See Birrell et al., column 1, lines 21-30).

5. Claims 6, 23-34, 38, 40 and 42-43 rejected under 35 U.S.C. 103(a) as being unpatentable over Olivier (U.S. Patent No. 6,480,885) in view of Birrell et al. (U.S. Patent No. 6,185,551), as applied to claims 4-5, 7-22, 35-37, 39 and 41 above, and further in view of Helgeson et al. (U.S. Patent No. 6,643,652).

As to claim 6, Olivier as modified, still does not teach wherein the at least one defined field comprises data corresponding to an inbox display name.

Helgeson et al. teaches a method and apparatus for managing data exchange among systems in a network, in which he teaches wherein the at least one defined field comprises data corresponding to an inbox display name (See column 109, lines 44-48, where "inbox display name" is read on "Inbox identifier").

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier as modified, to include wherein the at least one defined field comprises data corresponding to an inbox display name.

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It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier as modified, by the teachings of Helgeson et al. because wherein the at least one defined field comprises data corresponding to an inbox display name would help to manage data exchange among systems connected via a network (See Helgeson et al., column 2, lines 51-55).

As to claim 23, Olivier as modified, teaches wherein the data comprises inbox data (See Olivier, column 3, lines 8-17; also see Helgeson et al., column 109, lines 37-57).

As to claim 24, Olivier as modified, teaches wherein the service comprises an inbox service (See Helgeson et al., column 109, lines 49-60).

As to claim 25, Olivier as modified, teaches wherein the schema comprises an inbox schema (See Olivier, column 5, lines 1-5; column 16, lines 25-29; also see Helgeson et al., column 14, lines 16-21).

As to claim 26, Olivier as modified, still does not teach manipulating the data requested if the request is determined to be an allowable request.

Helgeson et al. teaches a method and apparatus for managing data exchange among systems in a network, in which he teaches manipulating the

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data requested if the request is determined to be an allowable request (See Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier as modified, to include manipulating the data requested if the request is determined to be an allowable request.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier as modified, by the teachings of Helgeson et al. because manipulating the data requested if the request is determined to be an allowable request would help to manage data exchange among systems connected via a network (See Helgeson et al., column 2, lines 51-55).

As to claim 27, Olivier as modified, teaches wherein the manipulating comprises a query manipulation (See Birrell et al., column 5, lines 7-11, lines 30-40; also see Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

As to claim 28, Olivier as modified, teaches wherein the manipulating comprises an insert manipulation (See Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

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As to claim 29, Olivier as modified, teaches wherein the manipulating comprises a delete manipulation (See Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

As to claim 30, Olivier as modified, teaches wherein the manipulating comprises an update manipulation (See Helgeson et al., column 49, lines 46-53).

As to claim 31, Olivier as modified, teaches wherein the manipulating comprises a replace manipulation (See Helgeson et al., column 19, lines 62-66).

As to claim 32, Olivier as modified, teaches wherein the manipulating comprises a send message manipulation (See Helgeson et al., column 19, lines 62-66).

As to claim 33, Olivier as modified, teaches wherein the manipulating comprises a save message manipulation (See Helgeson et al., column 19, lines 62-66).

As to claim 34, Olivier as modified, teaches wherein the manipulating comprises a copy message manipulation (See Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

As to claim 38, Olivier as modified, teaches having further computer-executable instructions for manipulating data stored in a data store based on the request for data (See Helgeson et al., column 19, lines 62-66; column 49, lines 46-53).

As to claim 40, Olivier as modified, still does not teach having further computer-executable instructions for constructing the document in an extensible markup language.

Helgeson et al. teaches a method and apparatus for managing data exchange among systems in a network, in which he teaches having further computer-executable instructions for constructing the document in an extensible markup language (See Helgeson et al., column 50, lines 54-58).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Olivier as modified, to include having further computer-executable instructions for constructing the document in an extensible markup language.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Olivier as modified, by the teachings of Helgeson et al. because having further computer-executable instructions for constructing the document in an extensible markup language would help to manage data exchange among systems connected via a network (See Helgeson et al., column 2, lines 51-55).

As to claim 42, Olivier as modified, teaches wherein manipulating at least one set of data comprises reading data from at least one field in the logical inbox document (See Birrell et al., column 9, lines 12-16. It is inherent that the "fields" (i.e. "to" etc.) are located on the "inbox document").

As to claim 43, Olivier as modified, teaches wherein manipulating at least one set of data comprises writing data to at least one field in the logical inbox document (See Birrell et al., column 14, lines 63-67; column 15, lines 6-49).

Response to Arguments

6. Applicant's arguments filed on 01-April-2004, with respect to the rejected claims in view of the cited references have been fully considered but they are moot in view of the new grounds of rejection.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mellissa M. Chojnacki whose telephone number is 730-305-8769. The examiner can normally be reached on 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax

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phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mmc
June 23, 2004



SAM RIMELL
PRIMARY EXAMINER